



Patent
DPP-IV-5004-C1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Jun Feng et al.

Serial No.: 10/809,636

Filed: March 24, 2004

For: DIPEPTIDYL PEPTIDASE
INHIBITORS

)
) Group Art Unit: 1624

)
) Examiner: Kahsay Habte

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Supplemental Information Disclosure Statement ("SIDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449, and copies of the literature and non-U.S. patent references are included

The items identified in this SIDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicants as such.

CERTIFICATE OF HAND DELIVERY

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being delivered via hand delivery to the Commissioner for Patents, Randolph Building, 401 Dulany Street, Alexandria, Virginia 22314.

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Date of Deposit

John Semick
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John Semick
Signature of Person Delivering Paper

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INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

☐ This SIDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this SIDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this SIDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.

☒ This SIDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.

☒ The fee due under 37 CFR § 1.17(p) is submitted herewith.

☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this SIDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.

☐ This SIDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

STATEMENT UNDER 37 CFR § 1.97(e):

☐ Each item contained in this SIDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this SIDS.

☐ No item contained in this SIDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person

signing this statement after making reasonable inquiry, no item of information contained in this SIDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this SIDS.

PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:

- ☐ A check in the amount of _____ is enclosed for the above fee(s).
☒ Please charge to Deposit Account No. **50-2256** for the above fee(s).

Although Applicants do not believe any additional fees are required, the Commissioner is authorized to charge any additional fees that may be required by the filing of these papers to Takeda's Deposit Account No. **50-2256**.

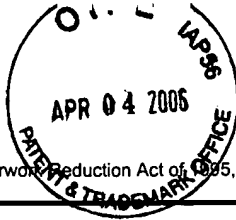
Respectfully submitted,

TAKEDA SAN DIEGO, INC.

Dated: April 3, 2006

By: David J. Weitz
David J. Weitz
Reg. No. 38,362

Customer No. **32793**
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San Diego, CA 92121
Tel: (858) 622-8528
Fax: (858) 550-0992



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 14

Complete if Known

Application Number	10/809,636
Filing Date	March 24, 2004
First Named Inventor	Jun FENG
Group Art Unit	1624
Examiner Name	Kahsay Habte
Attorney Docket Number	SYR-DPP-IV-5004-C1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date/ Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	AA	US 3,960,949	6/1/1976	Ahrens, Hanns et al.	
	AB	US 4,494,978	1/22/1985	Chan, David C. K.;	
	AC	US 4,935,493	6/19/1990	Bachovchin, William W. et al.	
	AD	US 5,366,862	11/22/1994	Venton, Duane L. et al.	
	AE	US 5,387,512	02/07/1995	Balani, Suresh K. et al.	
	AF	US 5,433,955	7/18/1995	Bredehorst, Reinhard et al.	
	AG	US 5,462,928	10/31/1995	Bachovchin, William W. et al.	
	AH	US 5,543,396	8/6/1996	Powers, James C. et al.	
	AI	US 5,601,986	2/11/1997	Takacs, Laszlo	
	AJ	US 5,614,379	3/25/1997	MacKellar, Warren C.	
	AK	US 5,624,894	4/29/1997	Bodor, Nicholas S.	
	AL	US 5,811,278	09/22/1998	Okamura, Hideki et al.	
	AM	US 5,811,281	09/22/1998	Quaroni, Andrea et al.	
	AN	US 5,814,460	9/29/1998	Venton, Duane L. et al.	
	AO	US 5,885,997	3/23/1999	Lohray, Vidya Bhushan et al.	
	AP	US 5,939,560	8/17/1999	Jenkins, Paul D. et al.	
	AQ	US 5,965,532	10/12/1999	Bachovchin, William W.	
	AR	US 5,985,884	11/16/1999	Lohray, Vidya Bhushan et al.	
	AS	US 6,006,753	12/28/1999	Efendic, Suad	
	AT	US 6,011,155	1/4/2000	Villhauer, Edwin Bernard	
	AU	US 6,090,786	7/18/2000	Augustyns, Koen Jan Ludovicus et al.	
	AV	US 6,107,317	8/22/2000	Villhauer, Edwin Bernard	
	AW	US 6,110,949	8/29/2000	Villhauer, Edwin Bernard	
	AX	US 6,124,305	9/26/2000	Villhauer, Edwin Bernard	
	AY	US 6,129,911	10/10/2000	Faris, Ronald A.	
	AZ	US 2001/0018210	8/30/2001	Bachovchin, William et al.	
	BA	US 2001/0031780	10/18/2001	Kanstrup, Anders et al.	
	BB	US 2001/0047078	11/29/2001	Chang, Yie-Hwa	
	BC	US 6,172,081	1/9/2001	Damon, Robert	
	BD	US 6,184,020	2/6/2001	Blinkovsky, Alexander et al.	
	BE	US 6,201,132	3/13/2001	Jenkins, Paul D. et al.	
	BF	US 6,214,340	4/10/2001	Takeuchi, Tomio et al.	
	BG	US 6,235,493	5/22/2001	Bissell, Eugene R. et al.	
	BH	US 6,251,391	6/26/2001	Wilkinson, Randall Eugene et al.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/809,636	
			Filing Date	March 24, 2004	
			First Named Inventor	Jun FENG	
			Group Art Unit	1624	
			Examiner Name	Kahsay Habte	
Sheet	2	of	14	Attorney Docket Number	SYR-DPP-IV-5004-C1

	BI	US 6,261,794	7/17/2001	Chang, Yie-Hwa	
	BJ	US 6,265,551	7/24/2001	Duke-Cohan, Jonathan S. et al.	
	BK	US 6,309,868	10/30/2001	Monod, Michel	
	BL	US 6,310,069	10/30/2001	Lohray, Vidya Bhushan et al.	
	BM	US 6,325,989	12/4/2001	Duke-Cohan, Jonathan S. et al.	
	BN	US 2002/0006899	1/17/2002	Pospisilik, Andrew J. et al.	
	BO	US 2002/0019411	2/14/2002	Robl, Jeffrey A. et al.	
	BP	US 2002/0037829	3/28/2002	Aronson, Peter S. et al.	
	BQ	US 2002/0041871	4/11/2002	Brudnak, Mark A.	
	BR	US 2002/0061839	5/23/2002	Scharpe, Simon Lodewijk et al.	
	BS	US 2002/0071838	6/13/2002	Demuth, Hans-Ulrich et al.	
	BT	US 2002/0077340	06/20/2002	Sulsky, Richard et al.	
	BU	US 2002/0082292	6/27/2002	Sahoo, Soumya P. et al.	
	BV	US 2002/0103242	8/1/2002	Sahoo, Soumya P. et al.	
	BW	US 2002/0103384	8/1/2002	Kanstrup, Anders et al.	
	BX	US 2002/0110560	8/15/2002	Demuth, Hans-Ulrich et al.	
	BY	US 2002/0115843	08/22/2002	Oi, Steve et al.	
	BZ	US 2002/0132979	9/19/2002	Chen, Wen-Tien	
	CA	US 2002/0147130	10/10/2002	Huber, Brigitte T. et al.	
	CB	US 2002/0147157	10/10/2002	Connor, Gregory S.	
	CC	US 2002/0155565	10/24/2002	Garin-Chesa, Pilar et al.	
	CD	US 2002/016100	02/07/2002	Okabe, Toshiaki et al.	
	CE	US 2002/0164759	11/7/2002	Travis, James et al.	
	CF	US 2002/0165164	11/7/2002	Demuth, Hans-Ulrich et al.	
	CG	US 2002/0183367	12/5/2002	Sulsky, Richard B. et al.	
	CH	US 2002/0193390	12/19/2002	Villhauer, Edwin Bernard	
	CI	US 2002/0198205	12/26/2002	Himmelsbach, Frank et al.	
	CJ	US 6,335,429	1/1/2002	Cai, Sui Xiong et al.	
	CK	US 6,337,069	1/8/2002	Grouzmann, Eric et al.	
	CL	US 6,342,611	1/29/2002	Weber, Eckard et al.	
	CM	US 6,355,614	3/12/2002	Wallner, Barbara P	
	CN	US 6,395,767	5/28/2002	Robl, Jeffrey A. et al.	
	CO	US 6,432,969	8/13/2002	Villhauer, Edwin Bernard	
	CP	US 6,447,772	9/10/2002	Houston, Devin B.	
	CQ	US 6,458,924	10/1/2002	Knudsen, Liselotte Bjerre et al.	
	CR	US 6,485,955	11/26/2002	Huber, Brigitte T. et al.	
	CS	US 6,495,544	12/17/2002	Hansen, Jr., Donald W. et al.	
	CT	US 2003/0008905	1/9/2003	Demuth, Hans-Ulrich et al.	

Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 14

Complete if Known

Application Number	10/809,636
Filing Date	March 24, 2004
First Named Inventor	Jun FENG
Group Art Unit	1624
Examiner Name	Kahsay Habte
Attorney Docket Number	SYR-DPP-IV-5004-C1

	CU	US 2003/0027282	2/6/2003	Huber, Brigitte T. et al.	
	CV	US 2003/0040478	2/27/2003	Drucker, Daniel J. et al.	
	CW	US 2003/0045464	3/6/2003	Hermeling, Ronald Norbert et al.	
	CX	US 2003/0055052	3/20/2003	Peters, Stefan et al.	
	CY	US 2003/0060412	3/27/2003	Prouty, Walter Francis et al.	
	CZ	US 2003/0060434	3/27/2003	Nielsen, Loretta et al.	
	DA	US 2003/0087935	5/8/2003	Cheng, Peter T. et al.	
	DB	US 2003/0087950	5/8/2003	DeNanteuil, Guillaume et al.	
	DC	US 2003/0089935	5/15/2003	Fan, Tso-Hung et al.	
	DD	US 2003/0092697	5/15/2003	Cheng, Peter T. et al.	
	DE	US 2003/0096846	5/22/2003	Cheng, Peter T. et al.	
	DF	US 2003/0096857	5/22/2003	Evans, David Michael et al.	
	DG	US 2003/0100563	5/29/2003	Edmondson, Scott D. et al.	
	DH	US 2003/0103968	6/5/2003	Amelsberg, Andree et al.	
	DI	US 2003/0105077	6/5/2003	Kanstrup, Anders Bendtz et al.	
	DJ	US 2003/0119736	6/26/2003	Demuth, Hans-Ulrich et al.	
	DK	US 2003/0119738	6/26/2003	Niestroj, Andre et al.	
	DL	US 2003/0125304	7/3/2003	Demuth, Hans-Ulrich et al.	
	DM	US 2003/0130281	7/10/2003	Boehringer, Markus et al.	
	DN	US 2003/0130306	7/10/2003	Devasthale, Pratik et al.	
	DO	US 2003/0139429	7/24/2003	Cohen, David Saul et al.	
	DP	US 2003/0139434	7/24/2003	Balkan, Bork et al.	
	DQ	US 2003/0144206	7/31/2003	Knudsen, Lotte Bjerre et al.	
	DR	US 2003/0149071	8/7/2003	Gobbi, Luca Claudio et al.	
	DS	US 2003/0166662	9/4/2003	Fryburg, David Albert et al.	
	DT	US 2003/0166690	9/4/2003	Ebdrup, Soren et al.	
	DU	US 2003/0171358	9/11/2003	Jeppesen, Lone et al.	
	DV	US 2003/0171411	9/11/2003	Kodra, Janos Tibor et al.	
	DW	US 2003/0181497	9/25/2003	Chen, Ping et al.	
	DX	US 2003/0186963	10/2/2003	Dorwald, Florencio Zaragoza et al.	
	DY	US 2003/0187254	10/2/2003	Perry, David A. et al.	
	DZ	US 2003/0191112	10/9/2003	Dorwald, Florencio Zaragoza et al.	
	EA	US 2003/0195188	10/16/2003	Boehringer, Markus et al.	
	EB	US 2003/0195190	10/16/2003	Peschke, Bernd et al.	
	EC	US 2003/0199528	10/23/2003	Kanstrup, Anders B. et al.	
	ED	US 2003/0199563	10/23/2003	Robl, Jeffrey A. et al.	
	EE	US 2003/0203946	10/30/2003	Behrens, Carsten et al.	
	EF	US 2003/0216382	11/20/2003	Boehringer, Markus et al.	

Examiner
SignatureDate
Considered

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/809,636
		Filing Date	March 24, 2004
		First Named Inventor	Jun FENG
		Group Art Unit	1624
		Examiner Name	Kahsay Habte
Sheet 4 of 14	Attorney Docket Number	SYR-DPP-IV-5004-C1	

EG	US 2003/0216450	11/20/2003	Evans, David Michael et al.
EH	US 2003/0220345	11/27/2003	Hamby, James Marino et al.
EI	US 2003/0225102	12/4/2003	Sankaranarayanan, Alangudi
EJ	US 2003/0232761	12/18/2003	Hinke, Simon A. et al.
EK	US 6,521,644	2/18/2003	Broqua, Pierre
EL	US 6,528,486	3/4/2003	Larsen, Bjarne Due et al.
EM	US 6,545,170	4/8/2003	Pitzele, Barnett S et al.
EN	US 6,548,529	4/15/2003	Robl, Jeffrey A. et al.
EO	US 6,555,519	4/29/2003	Washburn, William N.
EP	US 6,555,521	4/29/2003	Hermeling, Ronald Norbert et al.
EQ	US 6,559,188	5/6/2003	Gatlin, Marjorie Regan et al.
ER	US 6,573,096	6/3/2003	Chen, Wen-Tien
ES	US 6,573,287	6/3/2003	Sulsky, Richard B. et al.
ET	US 6,586,198	7/1/2003	Brown, Nancy J.
EU	US 6,608,038	8/19/2003	Caplan, Shari L. et al.
EV	US 6,617,340	9/9/2003	Vilhauer, Edwin Bernard
EW	US 6,620,821	9/16/2003	Robl, Jeffrey A.
EX	US 6,627,636	9/30/2003	Robl, Jeffrey A.
EY	US 6,645,995	11/11/2003	Kanstrup, Anders et al.
EZ	US2004/0002495	1/1/2004	Sher, Philip et al.
FA	US2004/0002609	1/1/2004	Hulin, Bernard
FB	US2004/0006062	1/8/2004	Smallheer, Joanne M. et al.
FC	US2004/0009972	1/15/2004	Ding, Charles Z. et al.
FD	US2004/0009998	1/15/2004	Dhar, T. G. Murali et al.
FE	US2004/0034014	2/19/2004	Kanstrup, Anders Bendtz et al.
FF	US2004/0053369	3/18/2004	Abbott, Catherine Anne et al.
FG	US2004/0063935	4/1/2004	Yasuda, Kosuke
FH	US2004/0072874	4/15/2004	Sato, Nagaaki et al.
FI	US2004/0072892	4/15/2004	Fukushima, Hiroshi et al.
FJ	US2004/0077645	4/22/2004	Himmelsbach, Frank et al.
FK	US2004/0082497	4/29/2004	Evans, David Michael et al.
FL	US2004/0082607	04/29/2004	Oi, Satoru et al.
FM	US2004/0087587	5/6/2004	Himmelsbach, Frank et al.
FN	US2004/0092478	5/13/2004	Rothermel, John D. et al.
FO	US2004/0097510	5/20/2004	Himmelsbach, Frank et al.
FP	US2004/0106655	6/3/2004	Kitajima, Hiroshi et al.
FQ	US2004/0106656	6/3/2004	Ashton, Wallace T. et al.
FR	US2004/0106802	6/3/2004	Sankaranarayanan, Alangudi et al.

Examiner Signature	Date Considered
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			Filing Date	March 24, 2004	
			First Named Inventor	Jun FENG	
			Group Art Unit	1624	
			Examiner Name	Kahsay Habte	
Sheet	5	of	14	Attorney Docket Number	SYR-DPP-IV-5004-C1

	FS	US2004/0110817	6/10/2004	Hulin, Bernard	
	FT	US2004/0116328	6/17/2004	Yoshikawa, Seiji et al.	
	FU	US2004/0132713	7/8/2004	Hulin, Bernard et al.	
	FV	US2004/0138148	7/15/2004	Fushimi, Nobuhiko et al.	
	FW	US2004/0138214	7/15/2004	Himmelsbach, Frank et al.	
	FX	US2004/0138215	7/15/2004	Eckhardt, Matthias et al.	
	FY	US2004/0147434	7/29/2004	Ansorge, Siegfried et al.	
	FZ	US2004/0152192	8/5/2004	Bachovchin, William et al.	
	GA	US2004/0152745	8/5/2004	Jackson, Paul et al.	
	GB	US2004/0166125	8/26/2004	Himmelsbach, Frank et al.	
	GC	US2004/0167133	8/26/2004	Edmondson, Scott D. et al.	
	GD	US2004/0167341	8/26/2004	Haffner, Curt Dale et al.	
	GE	US2004/0171104	9/2/2004	Blinkovsky, Alexander et al.	
	GF	US2004/0171848	9/2/2004	Haffner, Curt Dale et al.	
	GG	US2004/0176406	9/9/2004	Gobbi, Luca Claudio et al.	
	GH	US2004/0176428	9/9/2004	Edmondson, Scott D et al.	
	GI	US2004/0180925	9/16/2004	Matsuno, Kenji et al.	
	GJ	US2004/0186153	9/23/2004	Yasuda, Nobuyuki et al.	
	GK	US2004/0198786	10/7/2004	Gretzke, Dirk et al.	
	GL	US2004/0209891	10/21/2004	Broqua, Pierre et al.	
	GM	US2004/0229820	11/18/2004	Bachovchin, William W. et al.	
	GN	US2004/0229848	11/18/2004	Demuth, Hans-Ulrich et al.	
	GO	US2004/0236102	11/25/2004	Brockunier, Linda et al.	
	GP	US2004/0242566	12/2/2004	Feng, Jun et al.	
	GQ	US2004/0242568	12/2/2004	Feng, Jun et al.	
	GR	US2004/0242636	12/2/2004	Haffner, Curt Dale et al.	
	GS	US2004/0242898	12/2/2004	Hulin, Bernard et al.	
	GT	US2004/0254167	12/16/2004	Biftu, Tesfaye et al.	
	GU	US2004/0254226	12/16/2004	Feng, Jun et al.	
	GV	US2004/0259843	12/23/2004	Madar, David J. et al.	
	GW	US2004/0259870	12/23/2004	Feng, Jun et al.	
	GX	US2004/0259883	12/23/2004	Sakashita, Hiroshi et al.	
	GY	US2004/0259902	12/23/2004	Boehringer, Markus et al.	
	GZ	US2004/0259903	12/23/2004	Boehringer, Markus et al.	
	HA	US2004/0259919	12/23/2004	Magnin, David R. et al.	
	HB	US 6,673,815	1/6/2004	Devasthale, Pratik et al.	
	HC	US 6,673,829	1/6/2004	Dorwald, Florencio Zaragoza et al.	
	HD	US 6,686,337	2/3/2004	Connor, Gregory S.	

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 6 of 14

Complete If Known

Application Number	10/809,636
Filing Date	March 24, 2004
First Named Inventor	Jun FENG
Group Art Unit	1624
Examiner Name	Kahsay Habte
Attorney Docket Number	SYR-DPP-IV-5004-C1

HE	US 6,699,871	3/2/2004	Edmondson, Scott D. et al.	
HF	US 6,706,742	3/16/2004	De Nanteuil, Guillaume et al.	
HG	US 6,716,040	3/23/2004	Hulin, Bernard et al.	
HH	US 6,716,843	4/6/2004	De Nanteuil, Guillaume et al.	
HI	US 6,727,261	4/27/2004	Gobbi, Luca Claudio et al.	
HJ	US 6,727,271	4/27/2004	Cheng, Peter T. et al.	
HK	US 6,800,650	10/5/2004	Boehringer, Markus et al.	
HL	US 6,803,357	10/12/2004	Bachovchin, William A. et al.	
HM	US 6,825,169	11/30/2004	Bachovchin, William W. et al.	
HN	US2005/0014732	1/20/2005	Gulve, Eric Arthur et al.	
HO	US2005/0014946	1/20/2005	Demuth, Hans-Ulrich et al.	
HP	US2005/0020574	1/27/2005	Hauel, Norbert et al.	
HQ	US2005/0026921	2/3/2005	Eckhardt, Matthias et al.	
HR	US2005/0032804	2/10/2005	Cypes, Stephen Howard et al.	
HS	US2005/0038020	2/17/2005	Hamann, Lawrence G. et al.	
HT	US2005/0043292	2/24/2005	Parker, Janice C. et al.	
HU	US2005/0043299	2/24/2005	Evans, David M. et al.	
HV	US2005/0058635	3/17/2005	Demuth, Hans-Ulrich et al.	
HW	US 6,861,440	3/1/2005	Boehringer, Markus et al.	
HX	US 6,867,205	3/15/2005	Boehringer, Markus et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	HY	DE 2361551A1	6/19/1975	BASF AG		
	HZ	DE 2500024A1	7/8/1976	BASF AG,		
	IA	EP 0505893	9/30/1992	MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG		
	IB	EP 0547514	6/23/1993	MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG		
	IC	EP 0574846	12/22/1993	MERCK PATENT GmbH		

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Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 7 of 14

Complete if Known

Application Number	10/809,636
Filing Date	March 24, 2004
First Named Inventor	Jun FENG
Group Art Unit	1624
Examiner Name	Kahsay Habte
Attorney Docket Number	SYR-DPP-IV-5004-C1

ID	EP 0657452	6/14/1995	MERCK PATENT GmbH		
IE	EP 0702013	3/20/1996	MERCK PATENT GmbH		
IF	GB 1441665A	7/7/1976	COMMONWEALTH SCIENTIFIC INDUSTRIAL RESEARCH ORGANISATION		
IG	WO 91/11457	8/8/1991	BUCKLEY, Douglas, I. Et al.		
IH	WO 95/15309	6/8/1995	FERRING B.V.		
II	WO 95/29691	11/9/1995	GEORGIA TECH RESEARCH CORPORATION		
IJ	WO 96/02667	2/1/1996	AMGEN INC.		
IK	WO 98/18763	5/7/1998	TANABE SEIYAKU CO., LTD.		
IL	WO 98/19998	5/14/1998	NOVARTIS AG		
IM	WO 98/50046	11/12/1998	TRUSTEES OF TUFTS COLLEGE		
IN	WO 98/51803	11/19/1998	NOVO NORDISK BIOTECH, INC.		
IO	WO 99/02705	1/21/1999	SOCIETE DES PRODUITS NESTLE S.A.		
IP	WO 99/17799	4/15/1999	TRUSTEES OF TUFTS COLLEGE ET AL.		
IQ	WO 99/18856	4/22/1999	CYTOVIA, INC.		
IR	WO 99/28474	6/10/1999	THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY OF HEALTH AND HUMAN SERVICES		
IS	WO 99/46272	9/16/1999	FONDATECH BENELUX N.V.		
IT	WO 99/47152	9/23/1999	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH		
IU	WO 99/62914	12/9/1999	POINT THERAPEUTICS, INC.		
IV	WO 00/10549	3/2/2000	POINT THERAPEUTICS, INC.		
IW	WO 00/20416	4/13/2000	GANTE, Helga		
IX	WO 00/40583	7/13/2000	MERCK PATENT GMBH		
IY	WO 00/43366	7/27/2000	KIRIN BEER KABUSHIKI KAISHA		
IZ	WO 00/56296	9/28/2000	FERRING BV		
JA	WO 00/56297	9/28/2000	FERRING B.V.		
JB	WO 01/16301	3/8/2001	TUFTS UNIVERSITY		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 8 of 14

Complete if Known

Application Number	10/809,636
Filing Date	March 24, 2004
First Named Inventor	Jun FENG
Group Art Unit	1624
Examiner Name	Kahsay Habte
Attorney Docket Number	SYR-DPP-IV-5004-C1

JC	WO 01/19866	3/22/2001	THE UNIVERSITY OF SYDNEY		
JD	WO 01/40180	6/7/2001	FERRING BV		
JE	WO 01/55105	8/2/2001	NOVO NORDISK A/S		
JF	WO 01/62266	8/30/2001	NOVO NORDISK A/S		
JG	WO 01/68603	9/20/2001	BRISTOL-MYERS SQUIBB CO.		
JH	WO 01/72290	10/4/2001	PROBIODRUG GESELLSCHAFT FÜR ARZNEIMITTELFORSCHUNG MBH		
JI	WO 01/74299	10/11/2001	THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK		
JJ	WO 01/79206	10/25/2001	SUMITOMO PHARMACEUTICALS COMPANY, LIMITED		
JK	WO 01/81304	11/1/2001	FERRING BV		
JL	WO 01/81337	11/1/2001	FERRING B.V.		
JM	WO 01/89569	11/29/2001	INSTITUT FÜR MEDIZINTECHNOLOGIE MAGDEBURG GMBH IMTM		
JN	WO 01/94597	12/13/2001	PROZYMEX A/S		
JO	WO 02/04610	1/17/2002	BAYER AKTIENGESELLSCHAFT		
JP	WO 02/051836	7/4/2002	KYOWA HAKKO KOGYO CO., LTD		
JQ	WO 02/053170	7/11/2002	INSTITUT FÜR MEDIZINTECHNOLOGIE MAGDEBURG GMBH (IMTM		
JR	WO 02/059301	8/1/2002	K.U. LEUVEN RESEARCH AND DEVELOPMENT		
JS	WO 02/059343	8/1/2002	VANDERBILT UNIVERSITY		
JT	WO 02/062764	8/15/2002	TAKEDA CHEMICAL INDUSTRIES, LTD.		
JU	WO 02/066627	8/29/2002	BAYER AKTIENGESELLSCHAFT		
JV	WO 02/068420	9/6/2002	BOEHRINGER INGELHEIM PHARMA KG		
JW	WO 02/076450	10/3/2002	MERCK & CO., INC.		
JX	WO 02/083128	10/24/2002	BRISTOL-MYERS SQUIBB COMPANY		
JY	WO 02/08931	1/31/2002	TEN SQUARE		
JZ	WO 02/092127	11/21/2002	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM		
KA	WO 02/096357	12/5/2002	BRISTOL-MYERS SQUIBB COMPANY		

Examiner
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Considered

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/809,636
				Filing Date	March 24, 2004
				First Named Inventor	Jun FENG
				Group Art Unit	1624
				Examiner Name	Kahsay Habte
Sheet	9	of	14	Attorney Docket Number	SYR-DPP-IV-5004-C1

	KB	WO 02/14271	2/21/2002	WELFIDE CORPORATION		
	KC	WO 02/20804	3/14/2002	PROZYMEX A/S		
	KD	WO 02/26703	4/4/2002	PROLIFIX LIMITED		
	KE	WO 02/28742	4/11/2002	JOHANSSON, Thomas		
	KF	WO 02/30890	4/18/2002	TANABE SEIYAKU CO., LTD.		
	KG	WO 02/30891	4/18/2002	TANABE SEIYAKU CO., LTD.		
	KH	WO 02/31134	4/18/2002	FERRING BV		
	KI	WO 02/34900	5/2/2002	THE UNIVERSITY OF SYDNEY		
	KJ	WO 02/38541	5/16/2002	TAISHO PHARMACEUTICAL CO., LTD.		
	KK	WO 02/38742	5/16/2002	THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.		
	KL	WO 03/000180	1/3/2003	MERCK & CO., INC.		
	KM	WO 03/000250	1/3/2003	FERRING BV		
	KN	WO 03/002530	1/9/2003	SMITHKLINE BEECHAM CORPORATION		
	KO	WO 03/002531	1/9/2003	SMITHKLINE BEECHAM CORPORATION		
	KP	WO 03/002553	1/9/2003	SMITHKLINE BEECHAM CORPORATION		
	KQ	WO 03/004496	1/16/2003	NOVO NORDISK A/S		
	KR	WO 03/004498	1/16/2003	MERCK & CO., INC.		
	KS	WO 03/010197	2/6/2003	GENSET S.A.		
	KT	WO 03/010314	2/6/2003	GENSET S.A.		
	KU	WO 03/011807	2/13/2003	NOVO NORDISK A/S		
	KV	WO 03/011814	2/13/2003	NOVO NORDISK A/S		
	KW	WO 03/011834	2/13/2003	NOVO NORDISK A/S		
	KX	WO 03/011892	2/13/2003	THE U.S. GOVERNMENT as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES		
	KY	WO 03/014318	2/20/2003	GENZYME CORPORATION		
	KZ	WO 03/015775	2/27/2003	PROBIODRUG AG		
	LA	WO 03/017936	3/6/2003	YALE UNIVERSITY		
	LB	WO 03/024942	3/27/2003	MITSUBISHI PHARMA CORPORATION		

Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **10** of **14****Complete if Known**

Application Number	10/809,636
Filing Date	March 24, 2004
First Named Inventor	Jun FENG
Group Art Unit	1624
Examiner Name	Kahsay Habte
Attorney Docket Number	SYR-DPP-IV-5004-C1

LC	WO 03/024965	3/27/2003	NOVO NORDISK A/S		
LD	WO 03/035067	5/1/2003	FERRING B.V.		
LE	WO 03/037327	5/8/2003	F. HOFFMANN-LA-ROCHE AG		
LF	WO 03/038123	5/8/2003	NOVARTIS AG		
LG	WO 03/040114	5/15/2003	BRISTOL-MYERS SQUIBB COMPANY		
LH	WO 03/051848	6/26/2003	FERRING BV		
LI	WO 03/053330	3/7/2003	ASTRAZENECA AB		
LJ	WO 03/055881	7/10/2003	F. HOFFMANN-LA ROCHE AG		
LK	WO 03/057144	7/17/2003	GUILFORD PHARMACEUTICALS		
LL	WO 03/057666	7/17/2003	GUILFORD PHARMACEUTICALS		
LM	WO 03/065983	8/14/2003	MERCK & CO., INC.		
LN	WO 03/068748	8/21/2003	F. HOFFMANN-LA ROCHE AG		
LO	WO 03/068757	8/21/2003	F. HOFFMANN-LA ROCHE AG		
LP	WO 03/072197	9/4/2003	PFIZER PRODUCTS INC.		
LQ	WO 03/074500	9/12/2003	SANOFI-SYNTHELABO		
LR	WO 03/076393	9/18/2003	NOVARTIS AG		
LS	WO 03/077935	9/25/2003	IMTM INSTITUT FÜR MEDIZINTECHNOLOGIE MAGDEBURG GMBH,		
LT	WO 03/080070	10/2/2003	NOVARTIS AG		
LU	WO 03/080633	10/2/2003	NIPPON KAYAKU KABUSHIKI KAISHA		
LV	WO 03/082817	10/9/2003	MERCK & CO., INC.		
LW	WO 03/082859	10/9/2003	NOVARTIS AG		
LX	WO 03/084940	10/16/2003	SANKARANARAYANAN, Alangudi		
LY	WO 03/101449	12/11/2003	PFIZER PRODUCTS INC.		
LZ	WO 03/101958	12/11/2003	PFIZER PRODUCTS INC.		
MA	WO 03/104207	12/18/2003	MERCK & CO., INC.		
MB	WO 03/104208	12/18/2003	MERCK & CO., INC.		
MC	WO 03/104229	12/18/2003	EISAI CO., LTD.		

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SignatureDate
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/809,636		
		Filing Date	March 24, 2004		
		First Named Inventor	Jun FENG		
		Group Art Unit	1624		
		Examiner Name	Kahsay Habte		
Sheet	11	of	14	Attorney Docket Number	SYR-DPP-IV-5004-C1

	MD	WO 03/106456	12/24/2003	SANOFI-SYNTHELABO		
	ME	WO 04/002535	1/8/2004	HORMOS MEDICAL CORPORATION		
	MF	WO 04/002986	1/8/2004	BANYU PHARMACEUTICAL CO., LTD.		
	MG	WO 04/004655	1/15/2004	BRISTOL-MYERS SQUIBB COMPANY		
	MH	WO 04/004661	1/15/2004	POINT THERAPEUTICS, INC.		
	MI	WO 04/004665	1/15/2004	BRISTOL-MYERS SQUIBB COMPANY		
	MJ	WO 04/007446	1/22/2004	YAMANOUCHI PHARMACEUTICAL CO., LTD.		
	MK	WO 04/007468	1/22/2004	MERCK & CO., INC.		
	ML	WO 04/011640	2/5/2004	TANABE SEIYAKU CO., LTD.		
	MM	WO 04/014860	2/19/2004	TAKEDA CHEMICAL INDUSTRIES, LTD.		
	MN	WO 04/018467	3/4/2004	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG		
	MO	WO 04/018468	3/4/2004	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG		
	MP	WO 04/018469	3/4/2004	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG		
	MQ	WO 04/020407	3/11/2004	TAISHO PHARMACEUTICAL CO., LTD.		
	MR	WO 04/024184	3/25/2004	TAKEDA CHEMICAL INDUSTRIES, LTD.		
	MS	WO 04/026822	4/1/2004	ABBOTT LABORATORIES		
	MT	WO 04/028524	4/8/2004	EISAI CO., LTD.		
	MU	WO 04/031175	4/15/2004	BANYU PHARMACEUTICAL CO., LTD.		
	MV	WO 04/032836	4/22/2004	MERCK & CO., INC.		
	MW	WO 04/032861	4/22/2004	BRISTOL-MYERS SQUIBB COMPANY		
	MX	WO 04/033455	4/22/2004	NOVO NORDISK A/S		
	MY	WO 04/037169	5/6/2004	MERCK & CO., INC.		
	MZ	WO 04/037181	5/6/2004	BRISTOL-MYERS SQUIBB COMPANY		
	NA	WO 04/041795	5/21/2004	GUILFORD PHARMACEUTICALS INC.		
	NB	WO 04/043940	5/27/2004	MERCK & CO., INC.		
	NC	WO 04/046106	6/3/2004	PFIZER PRODUCTS INC.,		

Examiner Signature		Date Considered	
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				Application Number	10/809,636
				Filing Date	March 24, 2004
				First Named Inventor	Jun FENG
				Group Art Unit	1624
				Examiner Name	Kahsay Habte
Sheet	12	of	14	Attorney Docket Number	SYR-DPP-IV-5004-C1

	ND	WO 04/048352	6/10/2004	FUJISAWA PHARMACEUTICAL CO., LTD.		
	NE	WO 04/050022	6/17/2004	MERCK & CO., INC.		
	NF	WO 04/050656	6/17/2004	EISAI CO., LTD.		
	NG	WO 04/050658	6/17/2004	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG		
	NH	WO 04/052850	6/24/2004	BRISTOL-MYERS SQUIBB COMPANY		
	NI	WO 04/058266	7/15/2004	MERCK & CO., INC.		
	NJ	WO 04/064778	8/5/2004	MERCK & CO. INC.		
	NK	WO 04/067509	8/12/2004	SANWA KAGAKU KENKYUSHO CO., LTD.		
	NL	WO 04/069162	8/19/2004	MERCK & CO., INC.		
	NM	WO 04/071454	8/26/2004	GUILFORD PHARMACEUTICALS INC.		
	NN	WO 04/075815	9/10/2004	AVENTIS PHARMA DEUTSCHLAND GMBH		
	NO	WO 04/075891	9/10/2004	AVENTIS PHARMA DEUTSCHLAND GMBH		
	NP	WO 04/076401	9/10/2004	AVENTIS PHARMA DEUTSCHLAND GMBH		
	NQ	WO 04/076433	9/10/2004	AIC		
	NR	WO 04/076434	9/10/2004	AIC		
	NS	WO 04/078777	9/16/2004	BIOREXIS PHARMACEUTICAL CORPORATION		
	NT	WO 04/080958	9/23/2004	MERCK & CO. INC.		
	NU	WO 04/083212	9/30/2004	MERCK & CO., INC.		
	NV	WO 04/085661	10/7/2004	MERCK & CO., INC.		
	NW	WO 04/087053	10/14/2004	SYRRX, INC.		
	NX	WO 04/087650	10/14/2004	MERCK & CO. INC.		
	NY	WO 04/087880	10/14/2004	BAYER PHARMACEUTICALS CORPORATION		
	NZ	WO 04/089362	10/21/2004	NOVO NORDISK A/S		
	OA	WO 04/096806	11/11/2004	SUMITOMO PHARMACEUTICALS CO. LTD.		
	OB	WO 04/098625	11/18/2004	PROBIODRUG AG		
	OC	WO 04/099134	11/18/2004	PROSIDION LTD.		
	OD	WO 04/099185	11/18/2004	FUJISAWA PHARMACEUTICAL CO. LTD.		
	OE	WO 04/101514	11/25/2004	TAISHO PHARMACEUTICAL CO., LTD.		
	OF	WO 04/103276	12/2/2004	MERCK & CO., INC.		
	OG	WO 04/103993	12/2/2004	SYRRX, INC.		

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				First Named Inventor	Jun FENG
				Group Art Unit	1624
				Examiner Name	Kahsay Habte
Sheet	13	of	14	Attorney Docket Number	SYR-DPP-IV-5004-C1

	OH	WO 04/110436	12/23/2004	MERCK & CO., INC.		
	OI	WO 04/111041	12/23/2004	FUJISAWA PHARMACEUTICAL CO., LTD.		
	OJ	WO 04/111051	12/23/2004	BOEHRINGER INGELHEIM INTERNATIONAL GMBH		
	OK	WO 04/112701	12/29/2004	MERCK & CO., INC.		
	OL	WO 05/000846	1/6/2005	F. HOFFMANN-LA ROCHE AG		
	OM	WO 05/003135	1/13/2005	MERCK & CO., INC.		
	ON	WO 05/011581	2/10/2005	MERCK & CO., INC.		
	OO	WO 05/012249	2/10/2005	BRISTOL-MYERS SQUIBB COMPANY		
	OP	WO 05/019168	3/3/2005	PFIZER PRODUCTS INC.		
	OQ	WO 2005/016911	2/24/2005	Syrrx, Inc.		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	OR	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335064. Database Accession no. 1447881 & J. HETEROCYCL. CHEM., Vol. 305, 1972, pages 724-730.	
	OS	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335065. Database Accession no. 1447134 & J. ORG. CHEM., Vol. 43, 1978, pages 4069-4074.	
	OT	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335066. Database Accession no. 386682 & J. CHEM. SOC., 1952, pages 4985-4990.	
	OU	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335067. Database Accession no. 389575 & CHEM. BER., Vol. 88, 1968, pages 106-109.	
	OV	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335068. Database Accession no. 472441 & YAKUGAKU ZASSHI, Vol. 88, 1968, pages 106-109.	
	OW	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335069. Database Accession no. 1447840 & CHEM. BER., Vol. 101, No. 8, 1968, pages 2679-2689.	
	OX	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335070. Database Accession no. 1448669 & CHEM. BER., Vol. 101, No. 8, 1968, pages 2679-2689.	
	OY	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335071. Database Accession no. 4991064, J. CHEM. SOC. PERKIN TRANS. 1, 1980, pages 1370-1380.	

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		Group Art Unit	1624		
		Examiner Name	Kahsay Habte		
Sheet	14	of	14	Attorney Docket Number	SYR-DPP-IV-5004-C1

	OZ	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335072. Database Accession no. 990008, J.PRAKT.CHEM., Vol. 315, 1973, pages 1166-1168.	
	PA	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335073. Database Accession no. 6219070, J.PRAKT.CHEM., Vol. 330, No. 2, 1988, pages 323-324.	
	PB	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335074. Database Accession no. 392446, J.HETEROCYCL.CHEM., Vol. 8, 1971, pages 367-371.	
	PC	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335075. Database Accession no. 4742608, J. PRAKT.CHEM., Vol. 333, No. 1, 1991, pages 149-151.	
	PD	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335076. Database Accession no. 490809, & ANGEW.CHEM., Vol. 84, 1972, page 1185.	
	PE	Database Crossfire Beilstein Institut zur Foerderung der Wissenschaften, Frankfurt am Main, DE; XP002335063. Database Accession no. 1525341 & J. HETEROCYCL.CHEM., Vol. 12, 1975, pages 683-687.	
	PF	GUPTA, A. et al.: "Fluorine containing Biologically Active Agents: Synthesis of some new Pyrimidine Derivatives" J.IND. CHEM.SOC., Vol. 71 1994, pages 635-636, XP000889664 compound 1	
	PG	Kesarwani, A. P. et al.: Solid-phase synthesis of quinazolin-(3H)-ones with three-point diversity, Tetrahedron Letters, Vol. 43, (2002) pp. 5579-5581.	
	PH	Rauchman, B.S. et al. "2,4-Diamino-5-benzylpyrimidines and Analogues as antibacterial Agents", Journal of Med. Chem., Vol. 23, 1980, pages 384-391, XP002335048 Scheme II	

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